

Minos Update for All Experimenters' Meeting

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Fermilab



Beam Status

- No beam this week due to the continuing blockage in the cooling water spray line on Horn 1.
- At start of last week 2 of the 3 spray heads had normal water flow rates, while the third still appeared to be partially clogged.
- Over the past weekend, the horn has been continuously vacuumed with dry pressurized air.
 - Continues to remove more beads (from the DI system)
- A boroscope was inserted inside water line. Looked very clean, but it cannot go far enough to see where the spray nozzles are.



Beam Plan

- Water flow through horn is being checked this afternoon.
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- Initial measurement are encouraging. Two of the three headers are clean, third is still slightly blocked.
- Will run overnight and monitor the flow rates.
- If all remains well overnight, tomorrow will pulse horn.
- If all remains unclogged, then the shielding will be put back into place.
- Might be ready to run beam on Wednesday or Thursday.



Detector Status

- Near Detector
 - Reversed current on B-field Coil
 - Collecting cosmic ray data with the reversed B-field
- Far Detector
 - Network went down at 6 PM due to a thunderstorm
 - Didn't come back up until this morning

